LISTING OF THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in this application.

1. (Currently Amended) An image processor comprising:

object image generating means for generating an object image of an object that is associated with a predetermined event,

image combining means for superimposing said object image on top of a mirrored video image feature that includes an image of an operator as a portion thereof to generate a combined image, the image processor being adapted to provide production of the combined image on a predetermined display device,

detection means for detecting the position of the image of said operator included in said mirrored video image feature wherein said image combining means being adapted to combine said object image and said mirrored video image feature in such a manner that said object image is displayed in an area that an image of a hand of said operator can reach, depending on the position of the image of said operator detected by said detection means, and

means for generating a motion image map, the motion image map representing areas with high frequency and less frequency of motion of the operator and being obtained by layering images of difference that represent the differences in images between frames of said mirrored video image feature,

said image combining means being adapted to determine an area where said object image is to be combined, depending on a range and frequency of the motion of the image of said operator as determined on from the motion image map.

2. (Previously presented) The image processor as claimed in claim 1 further comprising:

image acquisition means for acquiring a video image feature that includes an image of said operator as a portion thereof captured with a predetermined image capturing device, from the image capturing device; and

image reversing means that mirrors the acquired video image feature to generate said mirrored video image feature.

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3. (Original) The image processor as claimed in claim 1 wherein said detection means is adapted to detect the position of the face of the operator in the image of said operator, and said image combining means is adapted to combine said object image and said mirrored video image feature in such a manner that said object image is displayed in an area suitable to the detected position of the face.

4. (Original) The image processor as claimed in claim 1, wherein said detection means is further adapted to detect the size of the image of said operator, and said image combining means is adapted to combine said object image and said mirrored video image feature in such a manner that said object image is displayed with the size suitable to the detected image of said operator.

5. (Previously presented) The image processor as claimed in claim 1, wherein said image combining means is adapted to combine an image representing a marker that indicates that the operator has been_detected, at the position of the image of said operator detected by said detection means.

6. (Canceled)

7. (Original) The image processor as claimed in claim 1 comprising means for detecting change in color of each area between frames of said mirrored video image feature, said image combining means being adapted to determine an area where said object image is to be combined, depending on the motion of the image of said operator determined on the basis of the change in color.

8. (Original) The image processor as claimed in claim 1, wherein, when said mirrored video image feature contains images of multiple candidate operators who can be an operator, said detection means is adapted to detect the position of an image of a candidate operator for each of said multiple candidate operators, and said image combining means is adapted to combine said object image and said mirrored video image feature in such a manner that said object image is displayed in a range that the images of the hands of the individual candidate operators can reach, depending on the

positions of the images of said multiple candidate operators detected by said detection means.

9. (Previously presented) The image processor as claimed in claim 8 further comprising means for selecting, when said object image is accessed, the image of the candidate operator who has accessed the object image, as the image of said operator, and display control means for zooming, panning or tilting the image of the selected candidate operator.

10. (Original) The image processor as claimed in claim 9 wherein said display control means is adapted to do zooming, panning and/or tilting of the image of the selected candidate operator by digital processing.

11. (Previously presented) The image processor as claimed in claim 9 wherein said display control means is adapted to do zooming, panning or tilting of the image of the selected candidate operator by controlling the image capturing device for capturing said mirrored video image feature.

12. (Previously presented) The image processor as claimed in claim 8 further comprising means for selecting, when said mirrored video image feature is a stereo image captured simultaneously from multiple different angles, the image of the candidate operator who is displayed at the position closest to said object image in each of the images making up of the stereo image, as the image of said operator, and display control means for zooming, panning and/or tilting the image of the selected candidate operator.

13. (Previously presented) The image processor as claimed in claim 12, wherein said display control means is adapted to do zooming, panning or tilting of the image of the selected candidate operator by digital processing.

14. (Previously presented) The image processor as claimed in claim 12, wherein said display control means is adapted to do zooming, panning or tilting of the image of the selected candidate operator by controlling the image capturing device for capturing said mirrored video image feature.

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15. (Original) The image processor as claimed in claim 8, wherein said object image generating means is adapted to generate multiple object images corresponding to the respective candidate operators, and said image combining means is adapted to combine said multiple object images and said mirrored video image feature in such a manner that the respective object images are displayed in a range that the image of the hand of the candidate operator can reach, for each image of the candidate operator.

16. (Previously presented) The image processor as claimed in claim 15 further comprising means for selecting, when either one of the multiple object images are accessed, the image of the candidate operator corresponding to the object image, as the image of said operator, and display control means for zooming, panning ~~and/~~or tilting the image of the selected candidate operator.

17. (Previously presented) The image processor as claimed in claim 16, wherein said display control means is adapted to do zooming, panning or tilting of the image of the selected candidate operator by digital processing.

18. (Previously presented) The image processor as claimed in claim 16, wherein said display control means is adapted to do zooming, panning ~~and/~~or tilting of the image of the selected candidate operator by controlling the image capturing device for capturing said mirrored video image feature.

19. (Currently Amended) An image processing method comprising:

      receiving information of an object that is associated with a predetermined event,

      detecting position of an image of said operator included in a mirrored video image feature,

      generating a motion image map <u>representing areas with high frequency and low frequency of motion of said operator</u> by layering images of difference that represent differences in images between frames of said mirrored video image feature,

      determining an area where an object image of the object is to be generated based on a range and frequency of motion of the image of said operator as determined from the motion image map,

producing a combined image that includes the image of the operator as a portion thereof and the object image, and

providing the combined image on a predetermined display device, said combined image includes said object image and said mirrored video image feature in such a manner that said object image is displayed in a range that an image of a hand of said operator can reach, depending on the detected position of the image of said operator.

20. (Currently Amended) A computer readable recording medium having recorded thereon a computer program with which a computer to which a display device is connected is directed to:

receive information regarding an object that is associated with a predetermined event, wherein the information facilitates generation of an image of the object;

detect a position of an image of an operator included in a mirrored video image feature;

generate a motion image map representing areas with high frequency and low frequency of motion of said operator by layering images of difference that represent differences in images between frames of said mirrored video image feature,

determine an area where said object image is to be generated based on a range and frequency of motion of the image of said operator as determined from the motion image map,

combine the object image and said mirrored video image feature in such a manner that said object image is displayed in a range that an image of a hand of said operator can reach, depending on the detected position of the image of said operator,

display a combined image comprising the object image and the image of the operator by superimposing the object image on top of a mirrored video image feature that includes the image of the operator as a portion thereof.

21. (Canceled)

22. (Currently Amended) A semiconductor device integrated in a device mounted on a computer to which a display device is connected, thereby with the semiconductor device, said computer is directed to form:

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object image generating means for generating an object image of an object that is associated with a predetermined event;

image combining means for superimposing said object image on top of a mirrored video image feature that includes an image of an operator as a portion thereof to generate a combined image;

display control means for providing production of the resulting combined image on said display device;

detection means for detecting the position of the image of said operator included in said mirrored video image feature;

motion image map generating means for generating a motion image map <u>representing areas with high frequency and low frequency of motion of said operator</u> by layering images of difference that represent differences in images between frames of said mirrored video image feature, said image combining means being adapted to determine an area where said object image is to be combined depending on a range and frequency of the motion of the image of said operator as determined from the motion image map; and

said image combining means is directed to provide a function of combining said object image and said mirrored video image feature in such a manner that said object image is displayed in a range that an image of a hand of said operator can reach, depending on the position of the image of said operator detected by said detection means.